

MEDICAL OFFICER'S ANNUAL REPORT FOR 1905.

To the Chairman and Members of the
Farnborough Urban District Council.

TOWN HALL,

FARNBOROUGH, HANTS.

March 3rd, 1906.

GENTLEMEN,

I have the honour to present you with my report on the health of your district during 1905.

The area of the district is 2,331 acres.

The total population of the district estimated to the middle of the year is 13,365.

The civilian population is 7,790.

The total death-rate of the district is 6·2 per 1,000 living as against 7·6 per 1,000 in 1904 and 8·5 per 1,000 in 1903.

The civilian death-rate is 8·2 per 1,000 as against 9·8 per 1,000 in 1904 and 11·6 per 1,000 in 1903.

The death-rate for England and Wales is 15·2 per 1,000 as against 16·2 per 1,000 in 1904 and 15·4 per 1,000 in 1903.

The total birth-rate is 20·9 per 1,000 as against 20·7 per 1,000 in 1904 and 21·4 per 1,000 in 1903.

The civilian birth-rate is 27·2 per 1,000 as against 27·1 per 1,000 in 1904 and 27·8 per 1,000 in 1903.

The birth-rate for England and Wales is 27·2 per 1,000 as against 27·9 per 1,000 in 1904 and 28·4 per 1,000 in 1903.

The District is partly Urban, partly Rural, and contains the North Camp. It is triangular in shape bounded on the East side by the river Blackwater, which joins the Cove Brook on the North, forming the apex of the triangle; the base of the triangle is a line drawn from the bridge over the Blackwater near the North Camp Station (S.E.R.) to a point a few yards from where the Portsmouth Road crosses the Basingstoke Canal.

The altitude above sea level varies from 273 feet near the Queen's Hotel, to 202 feet in the apex of the triangle at the junction of the Cove Brook and river Blackwater.

There is a general slope from the highest point towards the North and East.

The soil consists of about 30 feet of sandy gravel overlying the Bagshot sands, the chalk being at a depth of about 350 feet.

In the low-lying portions of the district the sub-soil water is within two or three feet of the surface; in the higher parts it is at a depth of about 30 feet.

The population may conveniently be divided into a military portion, stationed in the North Camp, and a civilian portion.

There is no special industry carried on in the district, the working classes consisting of labourers, artisans and soldiers.

Sixty-six new houses have been built and inhabited during the year, and four pulled down, making a total of 1,491, exclusive of North Camp. This gives 5·2 persons per house as against 5·2 in 1904 and 4·9 in 1901.

The increase in population gives 5·7 persons per acre, as against 5·5 in 1904 and 5·3 in 1903.

The water supply of the district is derived partly from shallow wells, and partly from the Frimley and Farnborough Water Company. Water supply

Deaths

One hundred and ten houses have been connected with the Company's mains during the year. The number still unconnected is 132, as against 176 in 1904 and 279 in 1903.

The total number of deaths registered in the district was 82, as against 100 in 1904 and 108 in 1903.

The correction made for deaths of residents occurring beyond the district, and deaths of non-residents occurring in the district, brings the numbers to 83, as against 98 in 1904 and 106 in 1903.

Nineteen of the deaths belong to the North Camp and sixty-four to Farnborough, as against twenty-five and seventy-three respectively in 1904.

The number of deaths under one year was 19, as against 32 in 1904, and 32 in 1903. Among the civilian population the number of deaths under one year was 14, as against 19 in 1904. The death-rate for infants under one year is 69.1 per 1000 births registered, as against 119.4 in 1904. The civilian rate is 66.03 per 1000 births, as against 94.06 in 1904. The rate for England and Wales is 128 per 1000 births.

The Zymotic death-rate for the whole district is 0.74 per 1000 living, and for the civilian portion of the district 1.02 per 1000 living, as against 0.4 and 0.6 in 1904. This increase in the Zymotic death-rate was due to an epidemic of whooping cough. The rate for England and Wales is 1.52.

Infectious Disease

Among the civilian population there were two deaths from phthisis and three from cancer.

Sixteen cases of Infectious Diseases have been notified during the year.

Notifications received during the last three years :—

	1905	1904	1903
Small Pox	0	0	0
Diphtheria	1	7	13
Membranous Croup	0	0	0
Erysipelas	4	9	3
Scarlet Fever	10	6	21
Enteric Fever	0	2	3
Puerperal Fever	1	0	0
	16	24	40

Analysis

Notifications among the civilian population number 11 in 1905, 17 in 1904, and 22 in 1903.

Nine samples of water have been analysed and 51 of sewage effluent.

Six wells have been condemned and closed.

Sewage

The general sewage and drainage of the district is good.

Two new filter beds have been erected at the sewage farm during the year, which is now working satisfactorily.

Nothing has been done to the private street at the back of the Market Place, Lynchford Road, which is in the same state of bad repair as when I mentioned it in my last annual report.

The Private Street off Rectory Road, which I mentioned in my last Annual Report, is still without a sewer, and should have the attention of the Council.

Refuse

House Refuse is collected by the Council's carts, which call at every house in the district once a week, and conveyed to suitable tips.

Stable Refuse is removed by the occupiers.

There are no common Lodging Houses in the district.

The condition of the Tenement Lodging Houses shows improvement.

Bye-Laws

A set of Bye-laws dealing with Vans, Tents and Sheds has been submitted to the Council and the Local Government Board.

There are no new slaughter-houses and the existing ones are in good order ; two of them however are only wooden buildings. Slaughter Houses

There are 6 cowsheds and 20 milk-shops in the district. They have all been inspected and are satisfactory. Cowsheds and Dairies

One new cow-shed has been erected.

There are 11 bake-houses in the district. Bakehouses

The sanitary arrangements of all the factories are in good order. Factories and Workshops

There are 37 workshops, 8 domestic workshops, and 11 outworkers in the district.

There are no offensive trades in the district.

The Sanitary Inspector's report deals fully with nuisances.

Arrangements have been made with the Aldershot Isolation Hospital to take infectious cases.

Disinfection is carried out by an Alformant lamp and Formalin ; blankets, etc., being sent to the Aldershot steam disinfecter when necessary.

Eight Midwives were placed on the Register ; one of these has left the district, and another has had her name removed from the Roll of Midwives by the Central Midwives' Board, leaving six on the Register at the end of the year. Midwives' Act

All the Midwives have been regularly inspected.

The year 1905 shows a further diminution in the number of notifications of infectious diseases, being smaller than in the four previous years.

The death-rate, especially among infants under one year, has also been smaller than in the four previous years.

From the above report it will be seen that the health of the district has been remarkably good, showing a steady improvement during the three years I have been M.O. of Health.

The tables of statistics are appended to the report.

I am, Gentlemen,

Your obedient servant,

E. CROFT WATTS,

M.D., C.M., F.R.C.S.E., D.P.H., LOND.

Medical Officer of Health.

TABLE I.

Vital Statistics of whole District during 1905 and previous years.

YEAR.	Population estimated to Middle of each year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.				TOTAL DEATHS IN PUBLIC INSTITUTIONS IN THE DISTRICT.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	NETT DEATHS AT ALL AGES BELONGING TO THE DISTRICT.	
		Number	Rate.*	Under 1 year of Age.		At all Ages.					Number	Rate.*
				Number	Rate per 1,000 Births registered.	Number	Rate.*					
1	2	3	4	5	6	7	8	9	10	11	12	13
1895	9381											
1896	9719											
1897	10070											
1898	10432	282	27'9			110	10'5					
1899	10808	238	22'1	44	184'8	128	11'8					
1900	11198	229	20'4	52	231'4	185	16'4					
1901	11589	244	21'0	27	110'6	106	9'1	15	3	2	105	9'0
1902	12022	253	21'0	29	114'6	107	8'9	21	3	4	108	8'9
1903	12452	267	21'4	32	119'8	108	8'6	15	4	2	106	8'5
1904	12901	268	20'7	32	119'4	100	7'7	14	3	1	98	7'6
1905	13365	280	20'9	19	69'1	82	6'1	14	5	6	83	6'2

* Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

Total population at all ages, at Census of 1901—11,499 ; Number of inhabited houses—1,293 ; Average number of persons per house—4·9.

Area of District in acres (exclusive of area covered by water)—2,331.

Institutions within the District receiving sick and infirm persons from outside the District :—Military Hospital.

Institutions outside the District receiving sick and infirm persons from the District :—Aldershot Cottage Hospital ; Surrey County Hospital, Guildford ; Hartley Wintney Workhouse.

TABLE II.

Vital Statistics of separate Localities in 1905 and previous years.

NAMES OF LOCALITIES.		1. FARNBOROUGH.				2. NORTH CAMP.			
YEAR.		Population estimated to Middle of each Year.	Births registered.	Deaths at all Ages	Deaths under 1 year.	Population estimated to Middle of each Year.	Births registered.	Deaths at all Ages	Deaths under 1 year.
		a.	b.	c.	d.	a.	b.	c.	d.
1895 ...	...	4958				4423			
1896 ...	...	5187				4532			
1897 ...	...	5427				4643			
1898 ...	...	5678				4754			
1899 ...	...	5940				4868			
1900 ...	...	6215		98	24	4983		87	28
1901 ...	...	6502	137	75	20	5087	107	30	6
1902 ...	...	6802	184	77	25	5220	58	31	5
1903 ...	...	7117	198	83	25	5335	69	23	7
1904 ...	...	7445	202	73	19	5456	66	25	13
1905 ...	...	7790	212	64	14	5575	68	19	5

TABLE III.

Cases of Infectious Disease notified during the Year 1905.

NOTIFIABLE DISEASE.	Cases Notified in whole District.				Total Cases Notified in each Locality.		No. of Cases removed to Hospital from each Locality.	
	At all Ages.	At Ages—Years.			1	2	1	2
		5 to 15.	15 to 25.	25 to 65.				
Diphtheria ...	1	1			1			
Erysipelas...	4	1		3	4			
Scarlet Fever ...	10	3	6	1	5	5	2	5
Puerperal Fever ...	1			1	1			
Totals ...	16	5	6	5	11	5	2	5

Isolation Hospitals:—Aldershot Infectious Diseases Hospital; Military Infectious Diseases Hospital.

TABLE IV.

Causes of, and Ages at, Death during the Year 1905.

Causes of Death. 1	Deaths at the subjoined Ages of "Residents," whether occurring in or beyond the District.							Deaths at all Ages of "Residents" belong- ing to Localities, whether occurring in or beyond the District.		Total Deaths whether of Residents or Non- Residents, in Public Institutions in the District. 11
	All Ages. 2	Under 1 year 3	1 and under 5 4	5 and under 15 5	15 and under 25 6	25 and under 65 7	65 and upward. 8	9	10	
Measles	3		3					2	1	
Whooping Cough ...	5	1	3	1				5		
Croup	1		1					1		
Diarrhœa ...	2	2						1	1	
Enteritis	3	2				1		3		
Puerperal Fever ...	1					1		1		
Other Septic Diseases	3			1		2		1	2	2
Phthisis (Pulmonary Tuberculosis) ...	5			1	2	2		2	3	2
Other Tubercular Diseases ...	1				1				1	2
Cancer, Malignant Disease	3					1	2	3		
Bronchitis ...	9	1	1			5	2	8	1	
Pneumonia ...	2				1	1			2	2
Alcoholism Cirrhosis of Liver }	4					4		3	1	2
Venereal Diseases ...	2	2						1	1	
Premature Birth ...	1	1						1		
Heart Diseases ...	11	1			1	7	2	7	4	
Accidents	1				1			1		1
Suicides	2					2		1	1	1
All other causes ...	24	9	1	1	1	5	7	23	1	2
All Causes	83	19	9	4	7	31	13	64	19	14

TABLE V.

Infantile Mortality during the Year 1905.

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.				Under 1 Week	2-3 Weeks	3-4 Weeks	Total under 1 month	1-2 months	3-4 months	9-10 months	Total Deaths under one Year.
All Causes	{	Certified ....	....	4	3	2	9	7	I	I	18
		Uncertified	....						I		I
Common Infectious Diseases :											
		Whooping Cough	....					I			I
Diarrhœal Diseases :											
		Diarrhœa, all forms	....					I		I	2
		Enteritis (<i>not Tuberculous</i>)	....		I			I			2
Wasting Diseases :											
		Premature Birth	....	I							I
		Congenital Defects	....	I							I
		Atrophy, Debility, Marasmus	....	I	I	I		2	I		6
		Syphilis	....					2			2
		Convulsions	....	I							I
		Bronchitis...	....			I					I
		Other Causes	....		I				I		2
				4	3	2	9	7	2	I	19

Population, estimated to middle of 1905—13,365.
all Causes at all Ages—83.

Births in the year—280.

Deaths from

Factories, Workshops, Laundries, Workplaces, and Homework.
1.—INSPECTION.

Premises.	Number of	
	Inspections.	Written Notices.
Factories (including Factory Laundries)	12	2
Workshops (including Workshop Laundries)	51	12
Homeworkers' Premises	9	1
Total	72	15

2.—DEFECTS FOUND.

Particulars.	Number of Defects	
	Inspections.	Remedied.
<i>Nuisances under the Public Health Acts :—</i>		
Want of Cleanliness	7	7
Want of Ventilation	1	1
Want of Drainage of Floors	1	1
Other Nuisances	6	6
Sanitary Accommodation, insufficient	5	5
„ „ unsuitable or defective	1	1
<i>(P.H.A.A. has been adopted).</i>		
<i>Offences under the Factory and Workshop Act :—</i>		
Breach of special Sanitary Requirements for Bakehouses (ss. 97 to 100) ..	7	7
Total	28	28

3.—OTHER MATTERS.

Class.	Number	
Matters notified to H.M. Inspectors of Factories :—		
Failure to affix Abstract of the Factory and Workshop Act (s. 133) 	4	
Other 	3	
Homework :— <i>Lists of Outworkers</i> (s. 107) :—		
Lists received 	Lists	Outworkers
	5	15
Workshops on the Register (s. 131) at the end of the year 	37	
Bakehouses 	11	
Domestic Workshops, 8 		
Total number of Workshops on the Register	48	

SANITARY INSPECTOR'S ANNUAL REPORT
FOR 1905.

To the Chairman and Members of the
Taunton Urban District Council.

March 3rd, 1906.

GENTLEMEN,

I have the honour to lay before you the Annual Report of the work carried out in your Health Department during the year ending December 31st, 1905.

Periodical and systematic inspections of the district have been made, and in all cases where nuisances or insanitary and structural defects were found, preliminary notices were served, most of which were complied with.

Butchers' Shops, slaughter-houses, cowsheds, dairies and milk-shops, and all places where food was exposed, or in preparation, for sale, have been frequently inspected.

One hundred and sixty-one preliminary notices have been served for the abatement of nuisances and for enforcing the requirements of the various sections of the Public Health Acts, and of these 128 were complied with without further notice ; 7 are at present in hand. Notices served

- 26 statutory notices were served ; of these
- 6 related to the abatement of nuisances,
 - 7 to provide sufficient water closets,
 - 7 to provide proper ash pits,
 - 1 to provide drains to houses,
 - 3 to provide supply of water,
 - 2 to cleanse cowsheds,

25 of which were complied with without further proceedings being taken and one is receiving attention.

Twenty complaints were received and immediately attended to ; 7 related to the removal of house refuse. In two cases no nuisances injurious to health existed.

Number of slaughter-houses, cowsheds, milk-shops, bakehouses and workshops registered in the district :—

Licensed Slaughter Houses.	Cow-keepers.	Dairies, Milk-shops and Purveyors.	Bakehouses.	Workshops.	Domestic Workshops.	Outworkers.
3	6	20	11	37	8	11

The slaughter-houses within the district have been frequently visited, and any defects or breach of your bye-laws have been immediately dealt with. Slaughter houses

One Slaughter-house has been considerably improved and new lairs provided ; the adjacent yard has also been paved with granite sets.

Inspection of cowsheds have been frequent, and when necessary notices have been served for cleansing and amendments. Cowsheds, Dairies and Milkshops

One cowshed was found to be illegally occupied during the year, no notice of intention to occupy having been given to you, as required by the Dairies, Cowsheds and Milk-shops Order. The structure was a wooden one, devoid of any means of lighting, ventilation, paving, drainage, or water supply. Your notice served upon the occupier to discontinue the use of the same was immediately complied with, and satisfactory arrangements of a temporary character made, pending the erection of new cowsheds, in accordance with your regulations. These have now been completed and are in occupation.

SUMMARY OF ROUTINE WORK.

Nuisances detected	...	...	...	...	359
Nuisances reported by residents	...	...	...	...	18
Nuisances abated	...	...	...	...	370
Nuisances in hand	...	...	...	...	7
Nuisances in hand last year (abated)	...	...	...	...	13
Houses drained	...	...	...	...	8
House drains reconstructed or amended	...	...	...	...	38
Privies abolished and water closets substituted	...	...	...	...	9
Cesspools abolished	...	...	...	...	1
Dilapidated closets taken down and rebuilt	...	...	...	...	7
Drains found choked and subsequently disinfected and amended	...	...	...	...	36
Drains ventilated	...	...	...	...	7
Drains intercepted	...	...	...	...	4
Closets provided with flushing apparatus	...	...	...	...	42
Flushing apparatus repaired or renewed	...	...	...	...	13
New pans fixed to water closets	...	...	...	...	30
Filthy W.C. pans cleansed	...	...	...	...	5
Houses provided with stoneware slop sinks	...	...	...	...	12
Galvanized iron dust bins provided	...	...	...	...	101
Houses cleansed and whitewashed throughout	...	...	...	...	16
Rooms cleansed and whitewashed	...	...	...	...	9
Rooms cleansed and whitewashed after infectious disease	...	...	...	...	7
Houses disinfected	...	...	...	...	9
Filthy sculleries limewashed	...	...	...	...	6
Back yards paved	...	...	...	...	15
Overcrowding in houses abated	...	...	...	...	16
Houses closed as unfit for habitation (voluntarily)	...	...	...	...	4
Houses demolished	...	...	...	...	4
House roofs and eaves' spouts repaired	...	...	...	...	29
Defective brick floors repaired	...	...	...	...	13
Defective wood floors repaired or relaid	...	...	...	...	5
W.C.'s provided with means of light and ventilation	...	...	...	...	4
Dilapidated stables taken down, rebuilt, paved and drained	...	...	...	...	4
Dilapidated stables demolished	...	...	...	...	2
Pig sties abolished	...	...	...	...	2
Poultry houses adjoining dwelling houses removed	...	...	...	...	12
Accumulations of manure and offensive refuse removed	...	...	...	...	13
Manure pits provided under bye-laws	...	...	...	...	5
Animals kept so as to be a nuisance removed	...	...	...	...	10
Stables repaved and drained	...	...	...	...	5
Stable drains repaired	...	...	...	...	1
Cesspools cleansed	...	...	...	...	2
Cesspool repaired	...	...	...	...	1
Cellar occupied as a dwelling	...	...	...	...	1
Damp external walls rendered impervious	...	...	...	...	1
Notices served on occupiers to cleanse floors, woodwork and bedding	...	...	...	...	4
Nuisances caused by van-dwellers	...	...	...	...	2
Water closets provided for van-dwellers	...	...	...	...	3
Houses without water supply	...	...	...	...	8
Slaughter-houses, cowsheds and milk-shops found defective in sanitation	...	...	...	...	7
Workshops, domestic workshops and bakehouses found defective	...	...	...	...	28
Dilapidated workshops demolished	...	...	...	...	2

The water from a well supplying a dairy farm with water was analysed and found to be polluted. The owner cleaned out the well and a second sample was taken, which also proved to be polluted. Proceedings were taken under section 70 of the Public Health Act, 1875, and an order obtained permanently closing the well. The owner is at present endeavouring to obtain a satisfactory supply by sinking a new well.

The number of cow-keepers upon the register remains as last year, one name being removed and one added.

The number of dairymen, purveyors and milkshops remain as last year, four names have been removed and four added.

Dairies and milkshops have been systematically inspected and your regulations strictly enforced.

One new dairy has been erected during the year.

The condition of milkshops generally, and the means of storage of milk have been much improved.

Frequent inspections have been made of bakehouses, and when necessary, notices have been served for the abatement of nuisances and limewashing. Bakehouses

Six workshops have been registered during the year and have been duly inspected; three have been struck off, having ceased to exist, making a total of 37 workshops at present on the register, in which the following trades are carried on :— Workshops

Tailors	4	Carriage builders and wheelwrights	2
Dressmakers	4	Blacksmiths	5
Milliners	2	Builders and joiners	3
Boot repairs	2	Bottle-washing and beer bottling	1
Laundries	8	Cabinet makers	1
Cycle repairs	5		

Two dilapidated workshops have been demolished.

Notices have been served where necessary, all of which were complied with.

His Majesty's Inspector of Factories and Workshops for the district has been notified in all cases where protected persons were found to be employed without having a copy of the abstract affixed.

There are 8 domestic workshops upon the register, being a decrease of four from last year; the work carried on is principally dressmaking and boot and shoe repairing. Domestic Workshops

The list of outworkers received in accordance with Section 107 of the Factory and Workshop Act, contain eleven names against seven last year; one house was found to be in a filthy condition, a notice served for cleansing was complied with. Outworkers

The number of dwelling houses reported to be unfit for habitation during the year was four, situate in Farnborough Street; these were voluntarily closed and have since been demolished. Housing of the Working Classes' Act

Three houses were found to be without a supply of water and statutory notices were served under Section 62 of the Public Health Act 1875, all of which were complied with by obtaining a supply from the mains of the Frimley and Farnborough Water Company. Water supply

Eight samples of water have been taken from private wells during the year, six of which were condemned as unfit for domestic use, the number of houses affected being seven. Wells

In one case it was found necessary to take legal proceedings, when a closing order was obtained.

Five wells were closed at your request, and in each case a supply of water was obtained from mains of the Water Company.

Five wells supplying nine houses were closed without analysis, the water being obviously unfit for domestic purposes.

Eleven cases of infectious disease were notified during the year from the civil population, four of these being erysipelas. Each case was immediately visited. It was found necessary to remove three cases to the Sanatorium, by reason of no means of isolation being in existence in the houses where the disease occurred. Infectious Disease

infection

Eight cases were isolated at home; frequent visits being made and disinfectants liberally supplied.

Nine rooms and their contents have been disinfected after infectious disease, the formalin spray and lamp being used for this purpose. In each case the walls and ceilings have been stripped, and the rooms cleansed and whitewashed.

House Refuse

The drains of houses where infectious diseases occurred have been tested and defects remedied.

The removal of house refuse has been carried out during the year as before, by the direct employment of labour and the Council's own horses and vehicles.

Sanitary Proceedings

One thousand four hundred and four loads of ashes have been collected and removed to suitable tips; 101 galvanised iron dust bins have been provided.

PUBLIC HEALTH ACT, 1875, AND TOWN POLICE CLAUSES ACT.

Number of Summonses.	Particulars.	Remarks.
1	Abatement of Nuisance (Statutory Notice in hand from last year.)	Order made for the abatement of the nuisance and payment of costs.
1	Failure to comply with the above order.	Owner to pay costs and penalty of 2/6 per day during default.
1	Polluted well water.	Order made to permanently close the well, costs against the owner.
1	Chimney on fire.	Fined 6 pence and 9 shillings costs.

In conclusion, I beg to thank the Council for the assistance they have given me in my endeavour to improve the sanitary condition of the district.

I am, Gentlemen,

Your obedient Servant,

PAGE W. BELLAMY,

Assoc. R.S. Institute.